

How to change rear brake discs on Nissan Leaf ZE0 – replacement guide

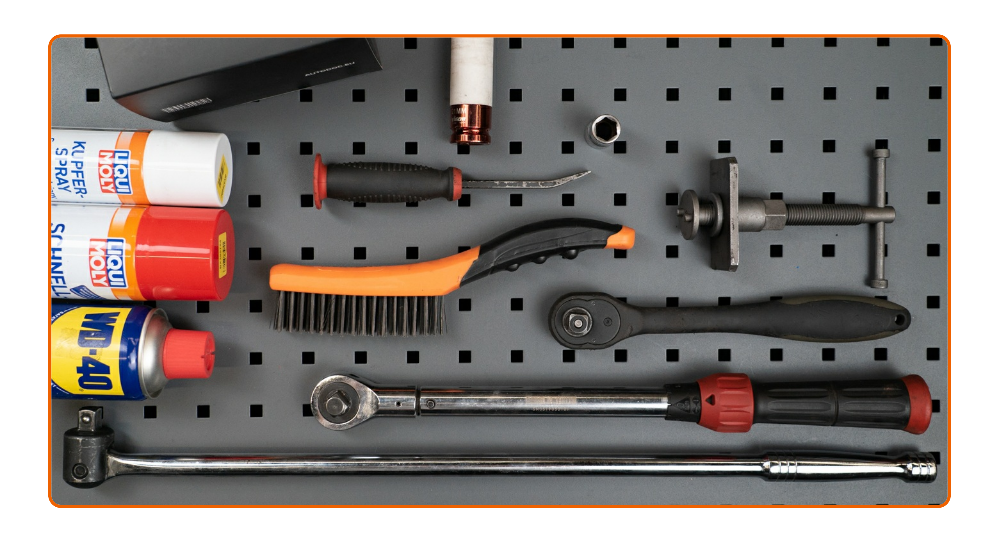
 VIDEO TUTORIAL

Important!

This replacement procedure can be used for:
NISSAN LEAF (ZE0) Electric

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE DISCS – NISSAN LEAF ZE0. TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Brake caliper guide pins grease
- Drive socket # 14
- Drive socket # 19
- Wheel impact socket #21
- Brake caliper wind back tool
- Ratchet wrench
- Torque wrench
- Tap wrench
- Crow bar
- Wheel chock

Replacement: brake discs – Nissan Leaf ZE0. AUTODOC experts recommend:

- Replace the brake disks on the car Nissan Leaf ZE0 in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- Please note: all work on the car – Nissan Leaf ZE0 – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1



Open the bonnet. Unscrew the brake fluid reservoir cap.

2



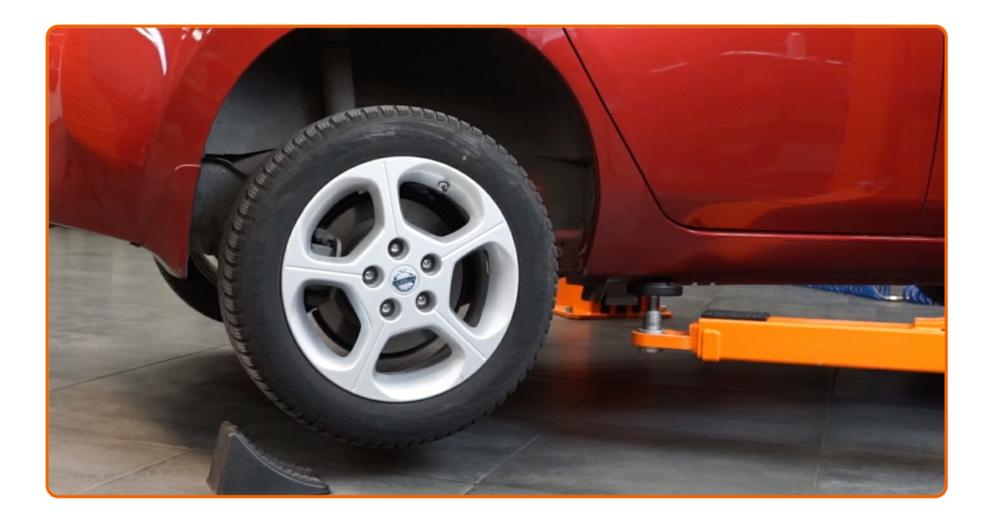
Secure the wheels with chocks.

3



Loosen the wheel mounting bolts. Use wheel impact socket #21.

4



Raise the rear of the car and secure on supports.

5



Unscrew the wheel bolts.

AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. Nissan Leaf ZE0

6



Remove the wheel.

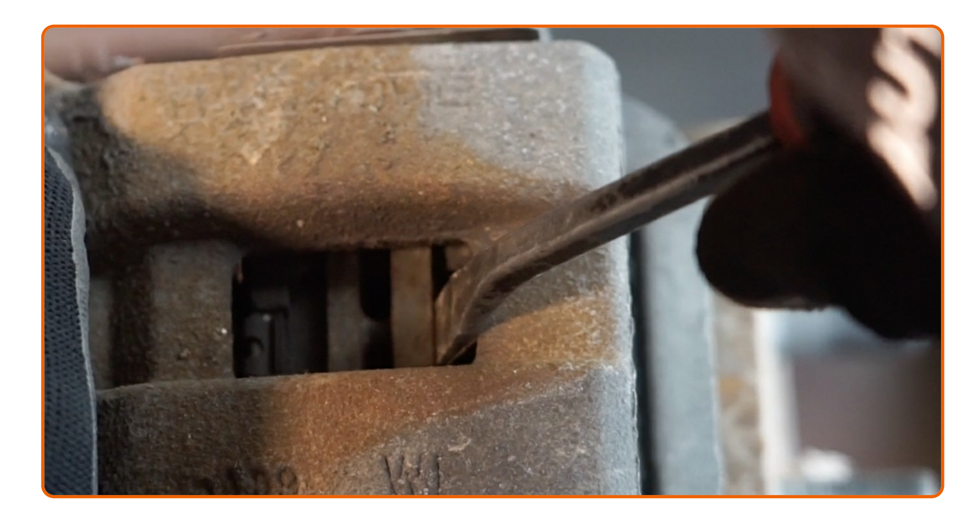
7



Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.

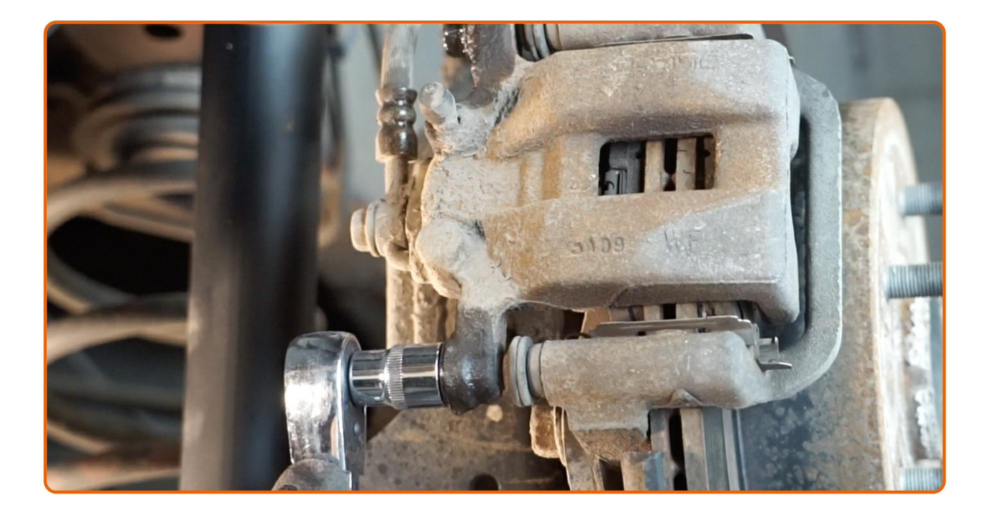


8



Spread the brake pads. Use a crowbar.

9



Unscrew the brake caliper fastening. Use a drive socket #14. Use a ratchet wrench.

10

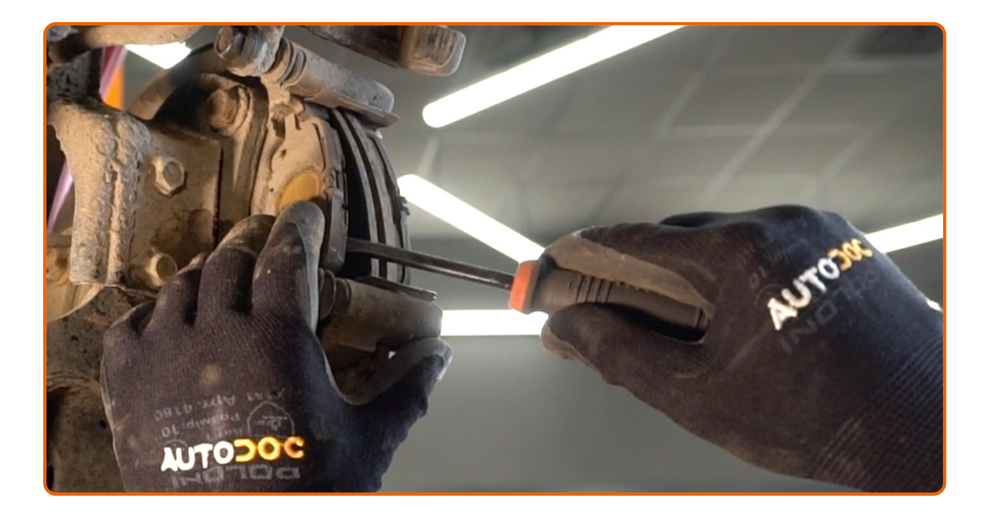


Remove the brake caliper.

Replacement: brake discs – Nissan Leaf ZE0. Professionals recommend:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

11



Remove the brake pads. Use a crowbar.

12



Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.

AUTODOC recommends:

- Replacement: brake discs – Nissan Leaf ZE0. After applying the spray, wait a few minutes.

13



Treat the brake caliper piston. Use a brake cleaner.

Replacement: brake discs – Nissan Leaf ZE0. Tip from AUTODOC experts:

- After applying the spray, wait a few minutes.

14



Press in the brake caliper piston. Use brake caliper wind back tool.

15



Install the brake pads.

16



Clean old grease and rust stains, if there are any, from the caliper guide pins and guide pin boots.

17



Lubricate guide pins with special brake grease.

18



Install the brake caliper and fix it. Use a drive socket #14. Use a torque wrench. Tighten it to 35 Nm torque.



19



Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.

20



Unscrew the caliper bracket fastening. Use a drive socket #19. Use a tap wrench.

21



Remove the brake caliper together with its bracket.

Replacement: brake discs – Nissan Leaf ZE0. AUTODOC experts recommend:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.

22



Remove the brake disc.

23



Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.

24



Install the brake disc.

25



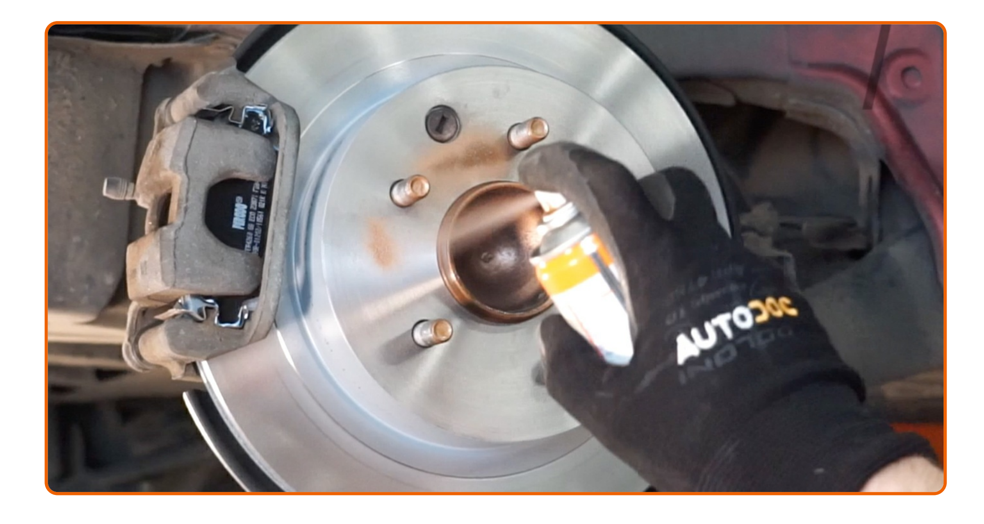
Install the brake caliper together with its bracket.

26



Tighten the brake caliper bracket. Use a drive socket #19. Use a torque wrench. Tighten it to 75 Nm torque.

27



Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

28

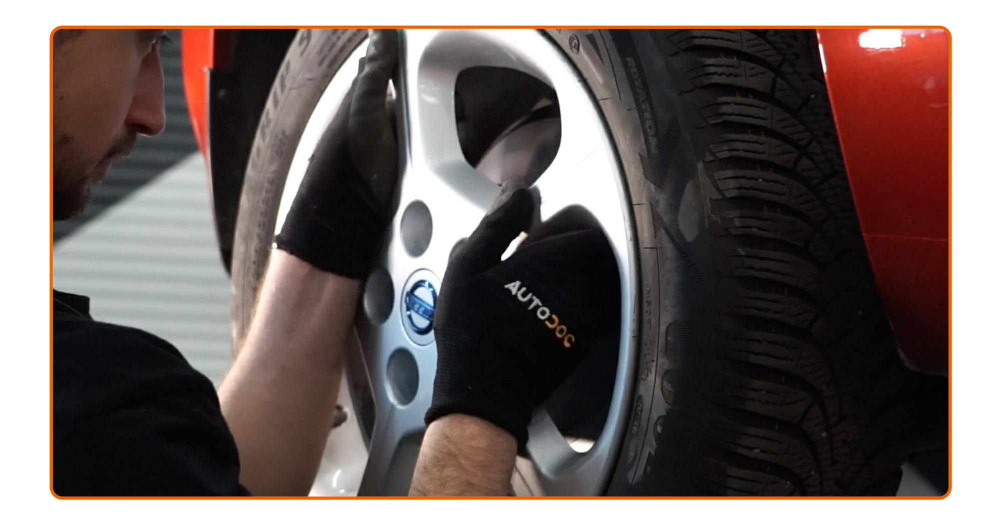


Clean the brake disk surface. Use a brake cleaner.

AUTODOC recommends:

- Replacement: brake discs – Nissan Leaf ZE0. After applying the spray, wait a few minutes.

29



Install the wheel.

AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. Nissan Leaf ZE0

30



Screw in the wheel bolts. Use wheel impact socket #21.

31



Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 120 Nm torque.

32



Remove the jacks and chocks.

Replacement: brake discs – Nissan Leaf ZE0. AUTODOC experts recommend:

- Check the brake fluid level in the expansion tank and refill if necessary.

33



Tighten the brake fluid reservoir cap.

Replacement: brake discs – Nissan Leaf ZE0. Tip from AUTODOC experts:

- Without starting the engine, press the brake pedal several times until you feel significant resistance.

34



Close the hood.

DID YOU FIND THESE INSTRUCTIONS HELPFUL?

YES

NO



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BRAKE DISCS: A WIDE SELECTION


CHOOSE CAR PARTS FOR NISSAN LEAF ZE0
LEAF


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